

that various changes in form and details may be made therein without departing from the spirit and scope of the invention as defined by the appended claims.

WHAT IS CLAIMED IS:

1. An image-capturing device, comprising:

a camera part having a first camera adapted to capture images of a subject at a position of a first zoom lens if a first image-capturing mode is selected and a second camera adapted to capture images of the subject at a position of a second zoom lens if a second image-capturing mode is selected;

a mode sensing unit for sensing an image-capturing mode of the camera part;

a detection unit for detecting the position of the first zoom lens for the first image-capturing mode and the position of the second zoom lens for the second image-capturing mode; and

a control unit for controlling the detection unit to detect the position of the first zoom lens previously selected for the first image-capturing mode and the position of the second zoom lens subsequently selected for the second image-capturing mode if the image-capturing modes are selected and changed from the first image-capturing mode to the second image-capturing mode based on an output signal of the mode sensing unit, comparing the positions of the first and second zoom lenses detected from the detection unit, and, if the positions are determined to be different, setting a value of the position of the first zoom lens to a value of the position of the second zoom lens.

2. The image-capturing device as claimed in claim 1, further comprising a view angle calculation unit for calculating view angles for the positions of the first and second zoom lenses respectively, wherein the control unit decides whether the magnifications of the first and second zoom lenses corresponding to the first and second image-capturing modes respectively are the same, and if they are determined to be different, compares view angles sequentially calculated from the view angle calculation unit with a previously calculated view angle of the first zoom lens while moving the second zoom lens in a certain direction, and sets to a value of the position of the second

zoom lens the position indicating a minimum value in a view angle difference between the first and second zoom lenses.

3. The image-capturing device as claimed in claim 1, wherein the first camera is a digital still camera for capturing still images in the first image-capturing mode, and the second camera is a digital video camera for capturing moving pictures in the second image-capturing mode.

4. The image-capturing device as claimed in claim 1, wherein the first and second cameras are disposed opposite to each other.

5. The image-capturing device as claimed in claim 1, further comprising a storage unit, detachably mounted on a main body thereof, for storing an image signal for the subject image-captured through the first and second camera.

6. The image-capturing device as claimed in claim 1, wherein the camera part is provided on a main body thereof to rotate by a certain angle.

7. The image-capturing device as claimed in claim 1, wherein the mode sensing unit senses the image-capturing mode in correspondence to rotations of the camera part.

8. A control method for an image-capturing device including a camera part having a first camera adapted to capture images of a subject at a position of a first zoom lens if a first image-capturing mode is selected and a second camera adapted to capture images of the subject at a position of a second zoom lens if a second image-capturing mode is selected, and provided on a main body thereof to rotate by a certain angle; a mode sensing unit for sensing an image-capturing mode corresponding to rotations of the camera part; a detection unit for detecting the positions of the first and second zoom lenses; a storage unit for storing an image signal for the image-captured subject; and a control unit for controlling the above respective part and units, the method comprising the steps of:

(a) detecting the position of the first zoom lens previously selected for the first image-capturing mode if the image-capturing modes are selected and changed from the first image-capturing mode to the second image-capturing mode based on an output signal of the mode sensing unit;

(b) detecting the position of the second zoom lens subsequently selected for the second image-capturing mode; and

(c) setting a value of the position of the first zoom lens to a value of the position of the second zoom lens if the positions of the first and second zoom lenses detected from the detection unit in the steps (a) and (b) are compared to each other and determined to be different from each other.

9. The control method as claimed in claim 8, further comprising steps of:

(d) if the image-capturing modes are decided to be selected and changed from the first image-capturing mode to the second image-capturing mode based on an output signal of the mode sensing unit, deciding whether the magnifications of the first and second zoom lenses corresponding to the first and second image-capturing modes respectively are the same;

(e) calculating view angles for the positions of the first and second zoom lenses, respectively, if the magnifications of the first and second zoom lenses are determined to be different in the step (d);

(f) comparing sequentially calculated view angles with a previously calculated view angle of the first zoom lens while moving the second zoom lens in a certain direction; and

(g) setting to a value of the position of the second zoom lens the position indicating a minimum value in a view angle difference between the view angle of the first zoom lens and the sequentially calculated view angles of the second zoom lens.

10. The control method as claimed in claim 8, wherein the first camera is a digital still camera for capturing still images in the first image-capturing mode, and the second camera is a digital video camera for capturing moving pictures in the second image-capturing mode.